

Appendixes

Description of Data Fields

There are 14 fields and 451 records in the data base for the hydrologic unit. Of the 14 fields, 6 fields are designed to hold identification of the location, 2 fields are designed to hold nitrate concentrations, and date of sample, 1 field is designed to hold depth of water table information, and 5 fields are designed to hold pesticide concentrations, pesticide name, and date of detection. A specific list of the data fields follows:

WELL_ID: Well identification, This character field has a field width of 16. This field stores a unique identification for each well location. In most cases this well identification is derived from the township, range, section, three levels of quarter sections, and sequence from the U.S. Public Land Survey Grid. Question marks "?" are placed where quarter section is unknown. In cases that the location is not known by U.S. Public Land Survey Grid then a unique well identification is fabricated.

ALIAS: Other well identification, This character field has a width of 11. This field stores other well identifications used by the source agency. This field is not published because some alias are made up of the well owners' last name.

LATITUDE: This numeric field, has a width of 13, with 6 decimal places. This field stores the geographic latitude at the well location, in decimal degrees.

LONGITUDE: This numeric field, has a width of 13, with 6 decimal places. This field stores the geographic longitude at the well location, in decimal degrees. The negative value indicates that location is within the western hemisphere.

COUNTY: This character field has a width of 14. This field stores the county name in which the well is located.

PRO: Data Source Project Code, this character field has a width of 5. This field stores a shortened code for the project or agency that provided the data for this assessment. The explanation for the shortened codes follows:

CFB - Canyon County, Idaho Farm Bureau Federation Reconnaissance Ground Water Quality Surveys

FGS - Ground water quality investigation in the vicinity of Fruitland, Idaho, July 1986

GFB - Gem County and Payette County, Idaho Farm Bureau Federation Reconnaissance Ground Water Quality Surveys

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PAY - Ground water and soils reconnaissance of the Lower Payette Area,
Payette County, Idaho, April 1991

USGS - United States Geological Survey, Water Resources Division,
WATSTORE data base

WGS - Ground water reconnaissance of the Weiser area, Washington county,
Idaho, August 1989

DATE: This numeric field has a width of 9, with 0 decimal places. This field stores the date that the nitrate sample was taken. The format of the contents is YYMMDD.

NITRATE: This numeric field has a width of 10, with 3 decimal places. This field stores the laboratory derived nitrate concentration, in mg/l.

D2W: Water Table Elevation. This numeric field has a width of 10 with 2 decimal places. This field stores the elevation of the water table above standard mean sea level in feet.

PESTDATE: Pesticide sample date, this numeric field has a width of 9, with 0 decimal places. This field stores the date that the pesticide sample was taken. The format of the contents is YYMMDD.

PESTCONC: Primary pesticide concentration, this numeric field has a width of 11, with 3 decimal places. This field stores the primary laboratory derived pesticide concentration, in $\mu\text{g/l}$.

PESTDESC: Primary pesticide description, this character field has a width of 20. This field stores the description of the primary description.

PEST2CONC: Secondary pesticide concentration, this numeric field has a width of 11, with 3 decimal places. This field stores the secondary laboratory derived pesticide concentration, in $\mu\text{g/l}$. Secondary meaning the second lesser concentration, if more than one type of pesticide is detected in the same sample.

PEST2DESC: Secondary pesticide description, this character field has a width of 20. This field stores the description of the secondary description. Secondary meaning the second lesser concentration, if more than one type of pesticide is detected in the same sample.

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Table V. Pesticide Data Table

Well Identification	Latitude	Longitude	County	Project Code†	Date of Sample	Pest. Conc. in µg/l	Description
07N 04W 07ADA01	43.962500	-116.853056	PAYETTE	PAY	910409	6.900	DACTHAL
07N 04W 06AAD01	43.978611	-116.852778	PAYETTE	PAY	910828	0.040	DACTHAL
08N 05W 36DDD01	43.981389	-116.873056	PAYETTE	FGS	860722	0.900	DACTHAL
08N 05W 36DCC01	43.983611	-116.881944	PAYETTE	FGS	860722	0.004	DACTHAL
08N 05W 35ADA01	43.984444	-116.893333	PAYETTE	FGS	860722	0.030	DACTHAL
08N 05W 35BAA01	43.996111	-116.904444	PAYETTE	PAY	910827	1.700	DACTHAL
08N 04W 30DDD01	43.996667	-116.851944	PAYETTE	FGS	860722	0.040	DACTHAL
08N 05W 25CCC01	43.996944	-116.892222	PAYETTE	PAY	910827	22.400	DACTHAL
08N 05W 25DBC01	44.001111	-116.882222	PAYETTE	PAY	910828	0.050	DACTHAL
08N 05W 30DBC01	44.001111	-116.863889	PAYETTE	PAY	910828	98.500	DACTHAL
08N 04W 28CBA01	44.003611	-116.826944	PAYETTE	PAY	910828	0.380	2,4-D
08N 05W 26BCC01	44.004167	-116.909167	PAYETTE	FGS	860722	0.400	DACTHAL
08N 05W 27ADC01	44.004722	-116.910833	PAYETTE	FGS	860722	10.000	DACTHAL
08N 05W 27ACD01	44.005278	-116.921944	PAYETTE	FGS	860722	8.000	DACTHAL
08N 05W 27ACA01	44.006667	-116.919444	PAYETTE	FGS	860722	6.000	DACTHAL
08N 05W 25AAA01	44.010556	-116.873056	PAYETTE	PAY	910828	34.800	DACTHAL
08N 05W 23CDD01	44.011667	-116.904444	PAYETTE	PAY	910827	15.200	DACTHAL
08N 04W 24ABC02	44.018611	-116.880000	PAYETTE	PAY	910529	0.820	DACTHAL
08N 05W 23BCC01	44.019444	-116.912222	PAYETTE	PAY	910827	0.030	DACTHAL
08N 05W 22ACA01	44.021389	-116.919444	PAYETTE	FGS	860722	0.500	DACTHAL
08N 05W 22ADB01	44.021944	-116.913333	PAYETTE	FGS	860722	0.900	DACTHAL
08N 05W 22AAC01	44.023056	-116.913611	PAYETTE	FGS	860722	2.000	DACTHAL
10N 05W 21BBA01	44.177800	-116.947200	WASHINGTON	WGS	890829	0.176	DACTHAL
10N 05W 21BAA01	44.195000	-116.941700	WASHINGTON	WGS	890829	44.100	DACTHAL
10N 05W 16CDA01	44.198900	-116.943100	WASHINGTON	WGS	890829	30.500	DACTHAL

† Project code explanation can be found in *Description of Data Fields* section

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Table V. Pesticide Data Table

Well Identification	Latitude	Longitude	County	Project Code†	Date of Sample	Pest. Conc. in µg/l	Description
10N 05W 16CCB01	44.198900	-116.950600	WASHINGTON	WGS	890829	0.265	PENTACHLOROPHENOL
10N 05W 16DBB01	44.202200	-116.940800	WASHINGTON	WGS	890829	4.700	DACTHAL
10N 05W 17ADB01	44.204700	-116.950000	WASHINGTON	WGS	890829	2.100	DACTHAL
10N 05W 08DDA01	44.212200	-116.951700	WASHINGTON	WGS	890829	6.310	DACTHAL
10N 05W 21ABA01	44.295000	-116.938900	WASHINGTON	WGS	890829	57.300	DACTHAL
08N 05W 36DCC01	43.983611	-116.881944	PAYETTE	FGS	860722	0.001	PENTACHLOROPHENOL
08N 04W 28CBA01	44.003611	-116.826944	PAYETTE	PAY	910828	0.090	DACTHAL
08N 05W 26BCC01	44.004167	-116.909167	PAYETTE	FGS	860722	0.002	PENTACHLOROPHENOL
08N 05W 27ACD01	44.005278	-116.921944	PAYETTE	FGS	860722	0.006	PENTACHLOROPHENOL
08N 05W 27ACA01	44.006667	-116.919444	PAYETTE	FGS	860722	0.004	PENTACHLOROPHENOL
08N 05W 22AAC01	44.023056	-116.913611	PAYETTE	FGS	860722	0.005	PENTACHLOROPHENOL
10N 05W 21BAA01	44.195000	-116.941700	WASHINGTON	WGS	890829	trace	PENTACHLOROPHENOL
10N 05W 16CDA01	44.198900	-116.943100	WASHINGTON	WGS	890829	trace	DIAZINON
10N 05W 16CCB01	44.198900	-116.950600	WASHINGTON	WGS	890829	trace	METRIBUZIN
10N 05W 16DBB01	44.202200	-116.940800	WASHINGTON	WGS	890829	trace	PENTACHLOROPHENOL
10N 05W 21ABA01	44.295000	-116.938900	WASHINGTON	WGS	890829	trace	PENTACHLOROPHENOL

† Project code explanation can be found in *Description of Data Fields* section

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Table VII. Water Table Elevation Data Table

Blanks indicate unavailable data

Well Identification	Latitude	Longitude	County	Project Code †	Date of Measurement	Water Elevation feet. ‡
10N 05W 16CDA01	44.198900	-116.943100	WASHINGTON	WGS	890829	2092.60
10N 05W 16DBB01	44.202200	-116.940800	WASHINGTON	WGS	890829	2088.07
07N 04W 07BCC01	43.960556	-116.871944	PAYETTE	PAY	910415	2290.92
07N 04W 07BBB01	43.966667	-116.871944	PAYETTE	PAY	910710	2275.55
08N 05W 25AAA01	44.010556	-116.873056	PAYETTE	PAY	910411	2188.12
08N 04W 36DDD01	43.982222	-116.874167	PAYETTE	PAY	910415	2237.31
08N 05W 26BDA01	44.005833	-116.904722	PAYETTE	PAY	910612	2211.30
08N 05W 24ACC01	44.018611	-116.880000	PAYETTE	PAY	910523	2170.01
08N 05W 23CDD01	44.011667	-116.904444	PAYETTE	PAY	910827	2200.90
08N 04W 24ABC02	44.018611	-116.880000	PAYETTE	PAY	910529	2160.08
08N 05W 23ACC01	44.016944	-116.901944	PAYETTE	PAY	910612	2191.73
07N 05W 02DBB01	43.974167	-116.900833	PAYETTE	PAY	910419	2243.71
07N 03W 19CDD01	43.923889	-116.739444	PAYETTE	PAY	910411	2276.56
07N 04W 28DAA01	43.915833	-116.813889	PAYETTE	PAY	910606	2352.98
08N 04W 28DCD01	43.996667	-116.817778	PAYETTE	PAY	910409	2191.51
07N 04W 13DDC01	43.938333	-116.755278	PAYETTE	PAY	910401	2251.98
07N 04W 20AAA01	43.937778	-116.834167	PAYETTE	PAY	910403	2327.62
07N 04W 17CCB01	43.940556	-116.851667	PAYETTE	PAY	910410	2352.17
07N 04W 12BBA01	43.966944	-116.767500	PAYETTE	PAY	910402	2221.01
07N 04W 07ADA01	43.962500	-116.853056	PAYETTE	PAY	910828	2269.86
07N 04W 23DAC01	43.930278	-116.771944	PAYETTE	PAY	910531	2292.69
07N 04W 07BBB02	43.966389	-116.866667	PAYETTE	PAY	910612	2267.00
07N 04W 14CCB01	43.940833	-116.789722	PAYETTE	PAY	910403	2299.77
07N 04W 10ABA01	43.966667	-116.797778	PAYETTE	PAY	910403	2232.18
07N 04W 03DBB01	43.974444	-116.801944	PAYETTE	PAY	910531	2223.49
07N 04W 15CCB01	43.940278	-116.810000	PAYETTE	PAY	910530	2301.10

† Project code explanation can be found in *Description of Data Fields* section.

‡ Feet above mean sea level.

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Blanks indicate unavailable data						
Well Identification	Latitude	Longitude	County	Project Code †	Date of Measurement	Water Elevation feet. ‡
08N 05W 23DAD01	44.010000	-116.893056	PAYETTE	PAY	910612	2196.59
08N 04W 28CBA01	44.003611	-116.826944	PAYETTE	PAY	910530	2186.13
07N 04W 06AAD01	43.978611	-116.852778	PAYETTE	PAY	910530	2245.16
08N 05W 30DBC01	44.001111	-116.863889	PAYETTE	PAY	910530	2199.45
07N 04W 06CCD01	43.968056	-116.868611	PAYETTE	PAY	910612	2255.50
07N 03W 19DAD01	43.927500	-116.731944	PAYETTE	PAY	910411	2245.41
07N 03W 31ADD01	43.901944	-116.731944	PAYETTE	PAY	910401	2309.43
10N 05W 16CCB01	44.198900	-116.950600	WASHINGTON	WGS	890829	2083.51
10N 05W 08DDA01	44.212200	-116.951700	WASHINGTON	WGS	890829	2095.63
10N 05W 17ADB01	44.204700	-116.950000	WASHINGTON	WGS	890829	2090.19
08N 04W 33ADC01	43.989444	-116.815278	PAYETTE	PAY	910403	2206.12
	44.313500	-116.261801		USGS	750813	3074.20
	44.280000	-116.425801		USGS	750813	2560.14
	44.335100	-116.265001		USGS	750812	2954.80
	44.173800	-116.343601		USGS	750814	3150.00
	44.213000	-116.520201		USGS	750814	2594.81
	44.263300	-116.275101		USGS	750814	3265.80
	44.132600	-116.510701		USGS	910911	2175.20
	44.345000	-116.370501		USGS	750813	2693.34
	44.271700	-116.444001		USGS	750814	2546.75
	44.221500	-116.321401		USGS	750814	3161.78
	44.001600	-116.544401		USGS	750828	2208.35
	44.064900	-116.532701		USGS	821014	2138.80
	44.241000	-116.384001		USGS	750813	3349.65
	44.051900	-116.544401		USGS	750828	2136.45
	44.040200	-116.552801		USGS	750828	2148.24

† Project code explanation can be found in *Description of Data Fields* section.

‡ Feet above mean sea level.

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Table VII. Water Table Elevation Data Table

Blanks indicate unavailable data

Well Identification	Latitude	Longitude	County	Project Code †	Date of Measurement	Water Elevation feet. ‡
	44.020300	-116.503101		USGS	751010	2187.04
	44.120100	-116.573601		USGS	750815	2094.02
	44.294100	-116.435601		USGS	750813	2592.66
	44.020400	-116.503501		USGS	821013	2176.80

† Project code explanation can be found in *Description of Data Fields* section.

‡ Feet above mean sea level.

Other Idaho Division of Environmental Quality Ground Water Quality Technical Reports

- *Snake Plain Aquifer Technical Report.* September 1985
- *The Rathdrum Prairie Aquifer Technical Report.* August 1988
- *Ground Water Contamination and Monitoring Activities on the Rathdrum Prairie Aquifer.* April 1991
- *Ground Water Vulnerability Assessment Snake River Plain, Southern Idaho.*
April 1991
- *Annual Ground Water Contamination Report, State Fiscal Year 1991*
- *Appendixes to the Annual Ground Water Contamination Report, State Fiscal Year 1991*
- *Ground Water and Soils Reconnaissance of the Lower Payette Area, Payette County, Idaho.* in prep.

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